

Contents of *Animal Reproduction Science*, Volume 35

Vol. 35 Nos. 1–2

March 1994

Development of bovine morulae after bisection and biopsy and assessment of DNA amplification by the polymerase chain reaction A.E.T. Sparks, R.S. Canseco, C.G. Russell, J.L. Johnson, J.L. Page, W.H. Velander, M.L. McGilliard and F.C. Gwazdauskas (Blacksburg, VA, USA)	1
Blood acetaldehyde fluctuates markedly during bovine estrous cycle W.R. Klemm, G.F. Rivard and B.A. Clement (College Station, TX, USA)	9
Some effects of prematurely elevated concentrations of progesterone on luteal and follicular characteristics during the oestrous cycle in heifers C.R. Burke (Hamilton, New Zealand), M. Mihm (Newcastle, Ireland), K.L. Macmillan (Hamilton, New Zealand) and J.F. Roche (Newcastle, Ireland)	27
Ultrastructure and protein synthesis of bovine amnion K.H. Liu, R.W. Williams and J.D. Godkin (Knoxville, TN, USA)	41
Induction of breeding in anoestrous crossbred ewes with progestagen and PMSG with or without prior immunisation against an androstenedione–protein conjugate T.J. Robinson (Sydney, N.S.W., Australia) and R.J. Scaramuzzi (Blacktown, N.S.W., Australia)	57
The effects of intravenous infusion of naloxone and progesterone on luteinising hormone secretion in ovariectomised ewes A.C.O. Evans, W.D. Currie, S.J. Cook and N.C. Rawlings (Saskatoon, Sask., Canada)	73
In vivo survival of transferred sheep embryos following puncture of the zona pellucida and in vitro culture P.A. Pugh, J.G. Thompson, K. Logan and H.R. Tervit (Hamilton, New Zealand)	81
Effects of β -adrenergic agonists and other putative transmitters on progesterone production by dispersed ovine luteal cells J.H. Payne and R.G. Cooke (Neston, UK)	91
Cloprostenol-induced luteolysis in the red deer hind: the effects of age, dose, number of corpora lutea and the later stages of the oestrous cycle M.W. Fisher, G.W. Asher, L.M. Meikle and R.E. Newman (Mosgiel, New Zealand)	99
The influence of boar libido on the efficacy of the boar effect P.E. Hughes (Parkville, Vic., Australia)	111
Functional changes in the somatic and germinal compartments during follicle growth in pigs G. Lazzari, C. Galli and R.M. Moor (Cambridge, UK)	119
Survival of rabbit spermatozoa frozen and thawed at different rates with and without seeding Y. Chen and R.H. Foote (Ithaca, NY, USA)	131
Technique for efficient recovery of sheep oocytes by laparoscopic folliculocentesis H. Baldassarre, D.G. De Matos, C.C. Furnus, T.E. Castro and E.I. Cabrera Fischer (Buenos Aires, Argentina)	145

Short communication

Technique for efficient recovery of sheep oocytes by folliculocentesis

H. Baldassarre, D.G. De Matos, C.C. Furnus, T.E. Castro and E.I. Cabrera Fischer

(Buenos Aires, Argentina) 145

Announcement from the Publisher 151

Vol. 35 Nos. 3-4

May 1994

In vitro maturation, fertilisation and culture of bovine oocytes in a modified Ménézo B2 medium

C. Aurich and J. Hahn (Hannover, Germany) 153

Induction of luteal regression, ovulation and development of new luteal tissue during early pregnancy in heifers

C. Lulai, I. Dobrinski (Saskatoon, Sask., Canada), J.P. Kastelic (Lethbridge, Alta., Canada) and R.J. Mapletoft (Saskatoon, Sask., Canada) 163

Presence of mitotic cells: a parameter of embryo quality

Y.A. Wurth, W.I. Van der Zee-Kotting, S.J. Dieleman, M.M. Bevers and Th.A.M. Kruij (Utrecht, Netherlands) 173

In vitro fertilization of bovine oocytes with semen from bulls persistently infected with bovine viral diarrhoea virus

A. Bielanski (Nepean, Ont., Canada) and K. Loewen (Lethbridge, Alta., Canada) 183

Superovulation and ovarian follicular population of juvenile buffaloes and calves

L.V. Ty, B.X. Nguyen, H.N. Son (Hanoi, Vietnam) and M.A. Driancourt (Monnaie, France) 191

Effect of ACTH on oxytocin-induced release of prostaglandin- $F_{2\alpha}$ and on uterine oxytocin receptors in the ewe

R.G. Cooke (Neston, UK) and N. Ahmad (Mymensingh, Bangladesh) 201

Effect of pregnancy and hysterectomy on pituitary gonadotrophins secretion in the ewe

K.H. Al-Gubory (Jouy-en-Josas, France), M.R. Blanc and J.C. Poirier (Nouzilly, France) ... 209

The hypothalamic-pituitary-adrenal axis in post-partum ewes

D. Smart, I. Singh, R.F. Smith, A.J. Forhead and H. Dobson (Neston, UK) 223

Follicular activity and concentrations of FSH and LH associated with senescence in mares

E.M. Carnevale, D.R. Bergfelt and O.J. Ginther (Madison, WI, USA) 231

Use of a simple staining technique to distinguish acrosomal changes in the live sperm sub-population

M.K. Tamuli and P.F. Watson (London, UK) 247

Changes in immunochemical localisation of acrosomal and sperm proteins in boar spermatozoa during capacitation and induced acrosome reaction

J. Peknicova, J. Moos (Prague, Czech Republic), M. Mollova (Sofia, Bulgaria), V. Srsen (Libechov, Czech Republic) and J. Capkova (Prague, Czech Republic) 255

The role of contact frequency in modifying the efficacy of the boar effect

P.E. Hughes (Parkville, Vic., Australia) 273

Investigations on the role of progesterone in the endocrine control of overt pseudopregnancy in the bitch: application of an antigestagen and effects on corpus luteum function

S. Gerres and B. Hoffmann (Giessen, Germany) 281

In vitro fertilization of follicular oocytes of domestic cat using fresh and cryopreserved epididymal spermatozoa

T. Lengwinat and S. Blottner (Berlin, Germany) 291

Announcement 303

Author Index 304

Contents of *Animal Reproduction Science*, Volume 35 307

Announcement from the Publisher 309

